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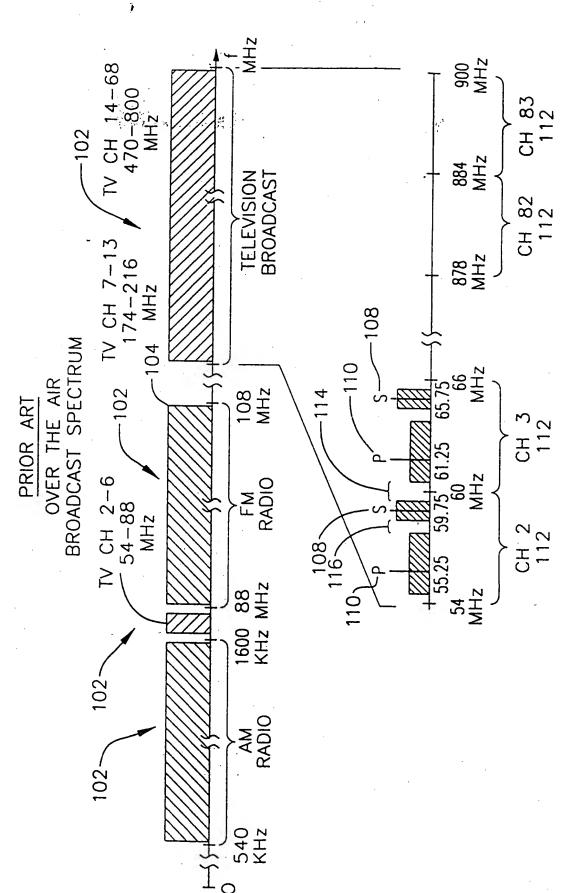
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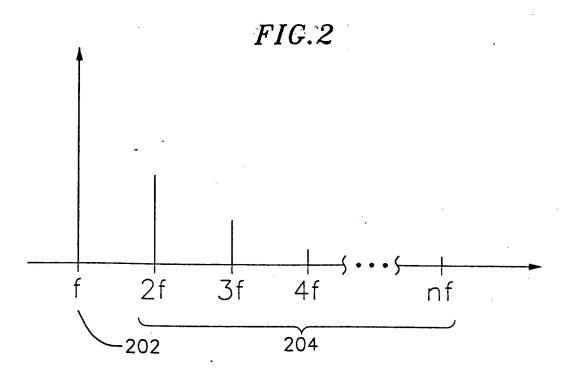
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FIG. 1





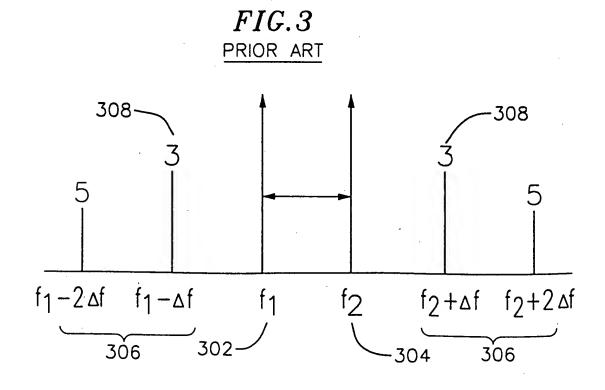


FIG. 4
PRIOR ART

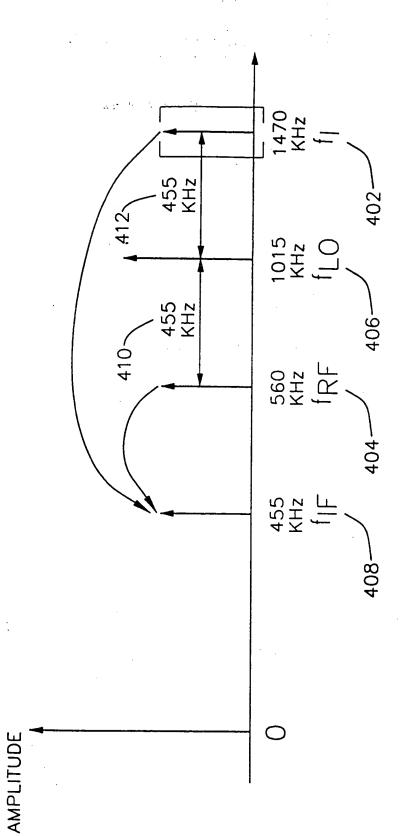
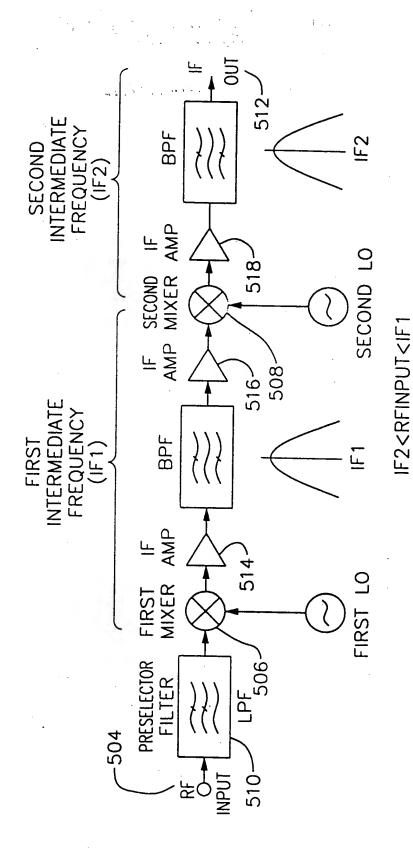
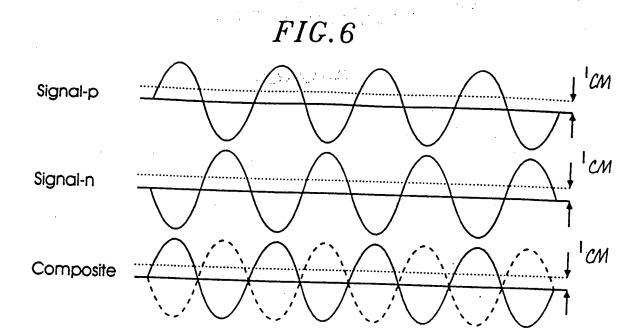


FIG.5Dual conversion receiver





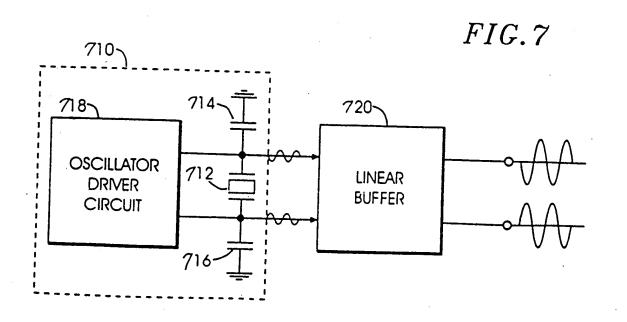
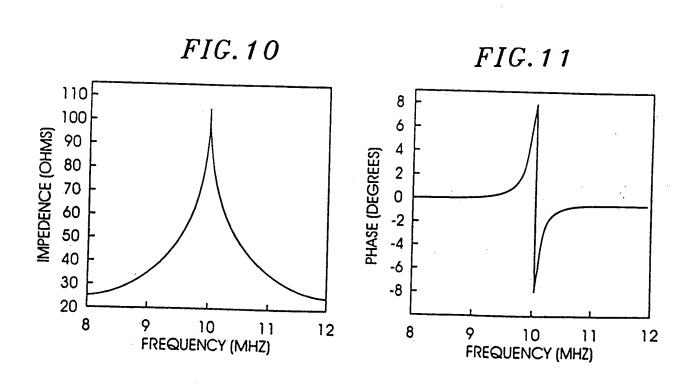


FIG. 8

FIG. 9 822 624



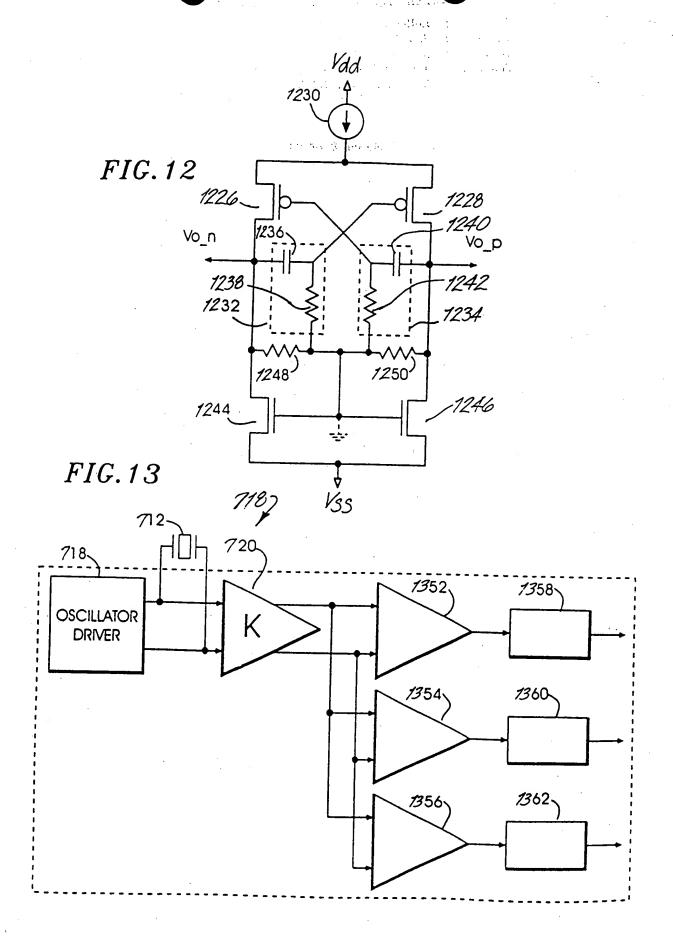
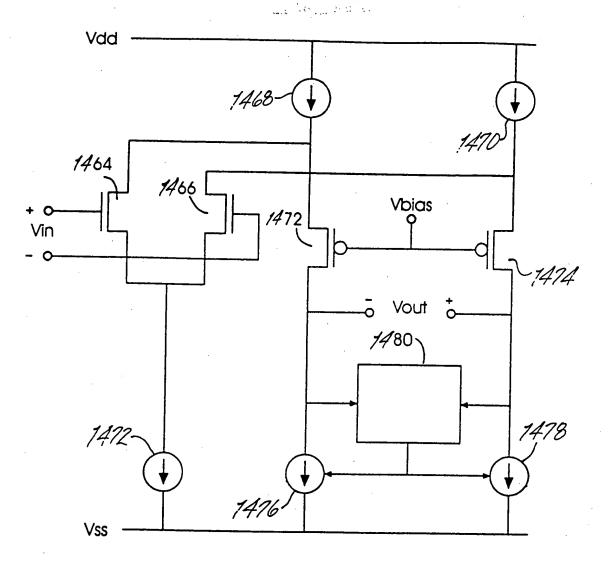
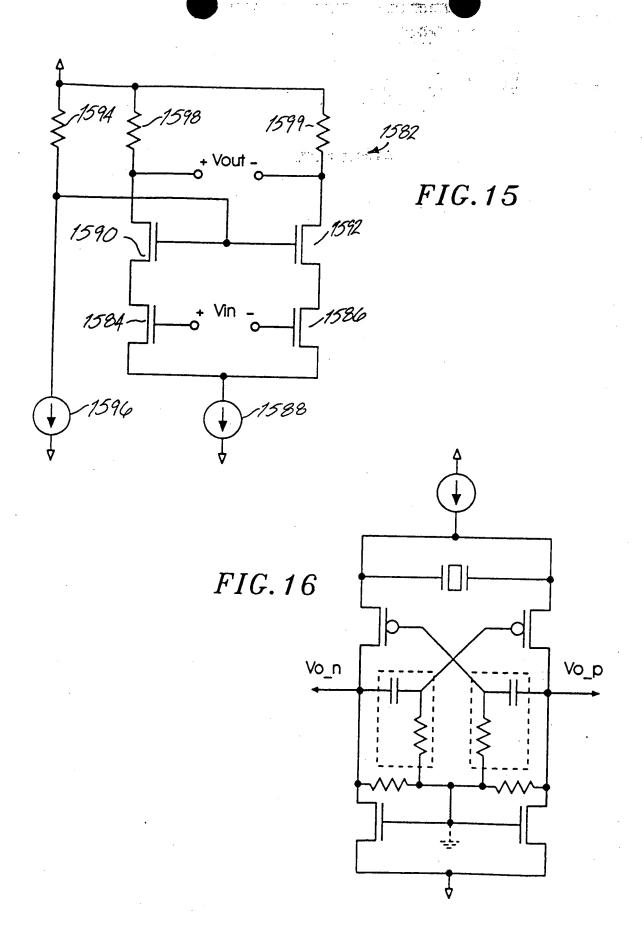
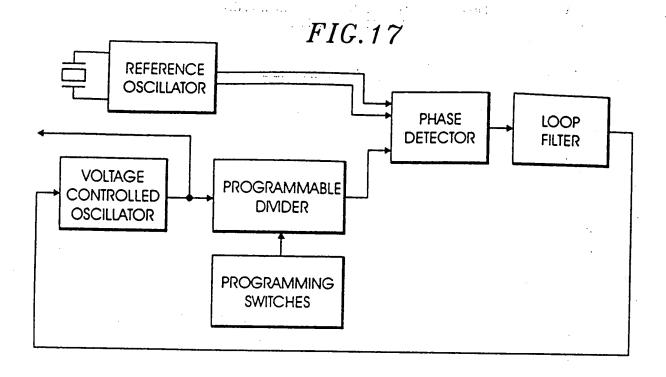


FIG. 14







essoci West

FIG. 18

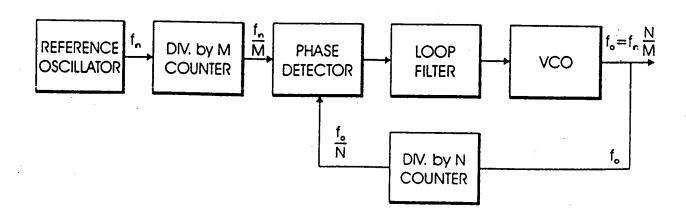


FIG. 19

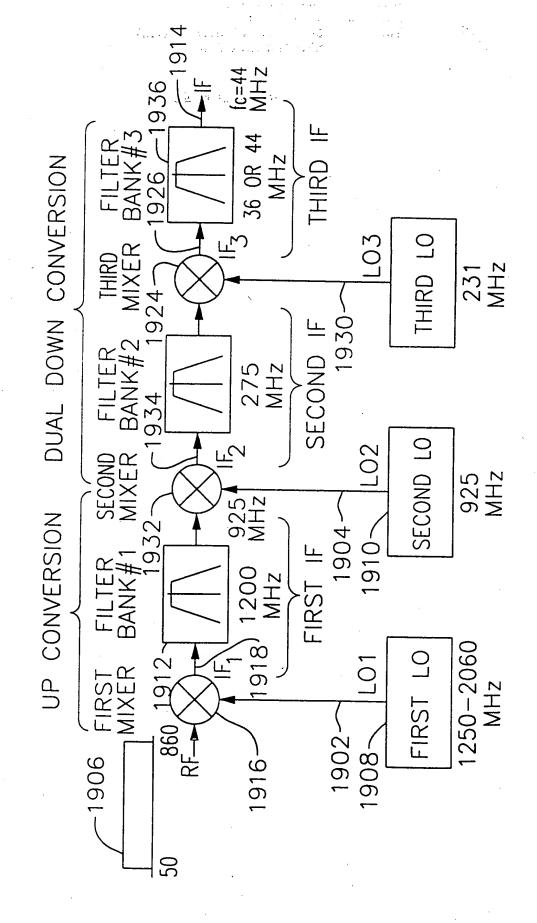
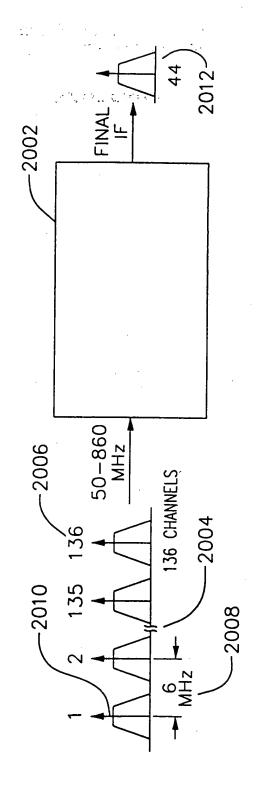


FIG. 20



PPL Xtal REFERENCE=10MHz LO-1, 10MHz FREQUENCY STEPS LO-2, 100kHz FREQUENCY STEPS

44MHz IF

TABLE OF FREQUENCIES BASED ON COARSE/FINE PLL SOLUTION:

NOTE -LO-2 REF=100KHz, SO DIVIDE RANGE=9216 TO 9280

)
Frf (MHz)	ည	26	62	89	74	80	ag	60	00	70,							
						3	3	35	8	104	וסנו	116	122	128	=	854	Reol
	1	#															3
	1250	1260	1260	1270	1970	1280	1000	4000	000	100							
					2	3	- [082	300	1300	1310	1320	1320	1330	-	2050	2060
	·															2	1000
IF-1 (MHz)	1200	1204	1108	1000	000	1										,	
	L		4	1202	0811	1200	1204	1198	1202	1196	1200	1204	1198	1202	-	4 4 0 6	000
											Ŀ		3	15.02	-	1 30	1200
LO-2(MH5)	924 R	0280	0000	, 000	3												
	_			320.4	971.6	924.8	928.0	923.2	926.4	9216	0270	0 000	0000	1.000	T		
												250.0	363.6	926.4	=	951.6	924.8
IE 2/ML-1	275.0	0.020			1		_	_									T
1. (INI LZ)	7.077	7/6.0	274.8 275.6	275.6	274.4	274 4 275 2 276 n	276.0	2718	276 6	17 17 1						_	
						1,2,1	0.07	214.0 613.0 614.4	0.07	2/4.4	2/5.2	276.0 2	274.8 275.6	275.6	=	274.4	275.2
_	0,00										_				T	\dagger	
LO-3(WITZ)	231.2	232	230.8	232	230	231	232	221	222	000	7.55	+					
						1			202	300	123	232	231	232	=	230	231
15 2/00		\perp	1				_							-		1	
IL-3(MHZ)	44.0	44.0	44.0	44.0	44.0	44.0	44.0	0 77	2 2	2 7 7		- 1	1				
								2.	77:0	4.0	44.0	44.0	44.0	44.0	=	44.0	440
	1																

2102

PPL Xtal REFERENCE=10MHz LO-1, 10MHz FREQUENCY STEPS LO-2, 100kHz FREQUENCY STEPS

36MHz IF

TABLE OF FREQUENCIES BASED ON COARSE/FINE PLL SOLUTION:

NOTE 10-2 REF=100KHz, SO DIVIDE RANGE=9280 TO 9340

Tre /841+1	2	15))
(MILE)	8	8	99	74	82	90	86	106	114	122	130	138	116		=		
											3	2		134		852	860
LO-1/MH5	1250	1260	4.070		300,												
		4	12/0	12/0	1280	1290	1300	1310	1310	1320	1330	1340	1350	1250	=	0.00	
												2	3	J		0502	5060
IF-1 (MHz)	1200	1202	1001	4 4 0 0		1					`						
	1	4	1204	081-	281	1200	1202	1204	1196	1198	1200	1202	1204	1106	=	4 4 0 0	
													5	3		1.198	1200
102/MH2	021 2	_									_					r	
-0 -(III K)		332.0	334.4	928.0	930	931	933	934	928.0	020	931	022	100	9	Ţ.	*	
										3	3	3	424	928.0	•	929.60	931.2
1F_2/MLE	0000	-	000														
11 - 2 (111 12)	Z00.8	7.697	269.6	268.0	268.4	268.8	269.2	269 G 268 O	268 n	7 8 30	_	_	100				
					-	_		2	0.00	500.4	708.8	7.697	569.6	268.0	=	268.4	268.8
10-3/MH2	0320	_	000	18							_						
- C (E)	605.0	233.2	433.6	232	232	233	233	234	020	000	╀	100	-1	1			
							3	5	202	707	233	233	234	232.0	=	232.4	232.8
												-					
11-3(MHz)	36.0	36.0	36.0	36.0	36.0	26.0	0 00	6	_	- 1		1					
					2.23	0.00	20.0	30.U	36.0	36.0	36.0	36.0	36.0	36.0	=	36.0	38.0
																·	2

FIG.23

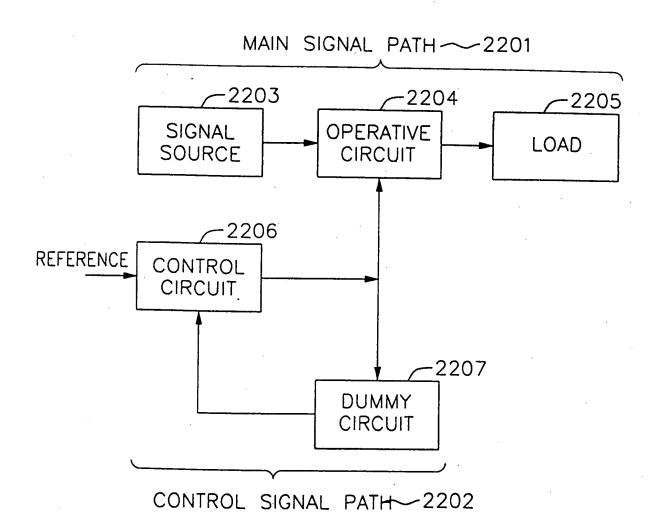
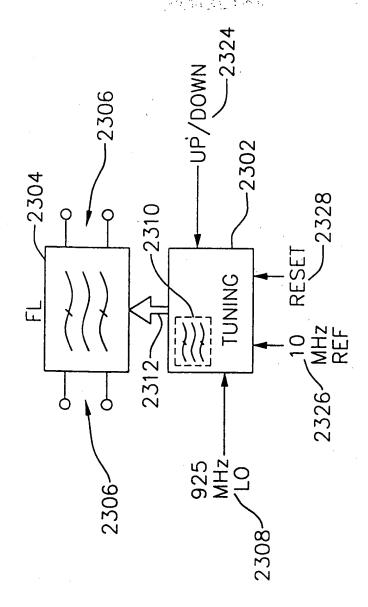


FIG. 24a



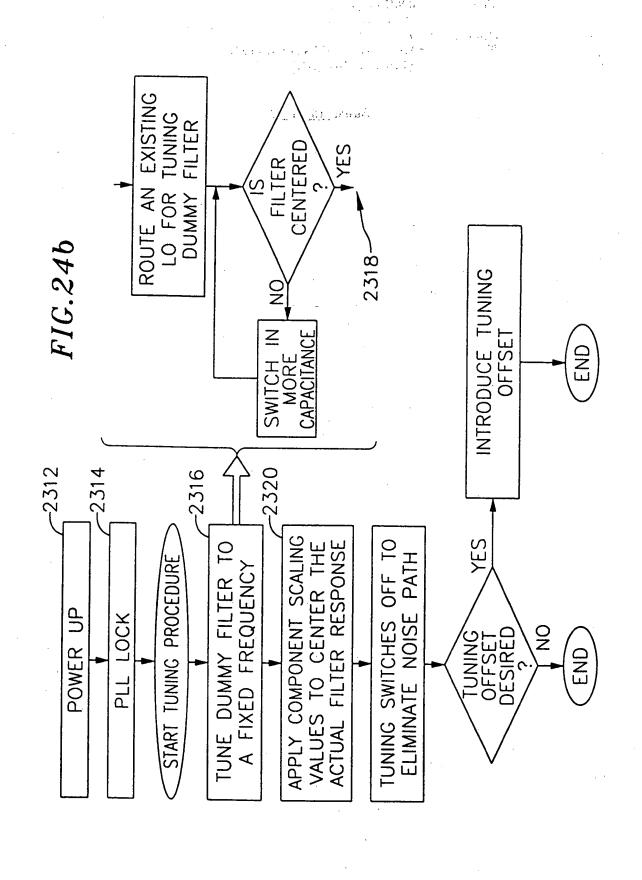
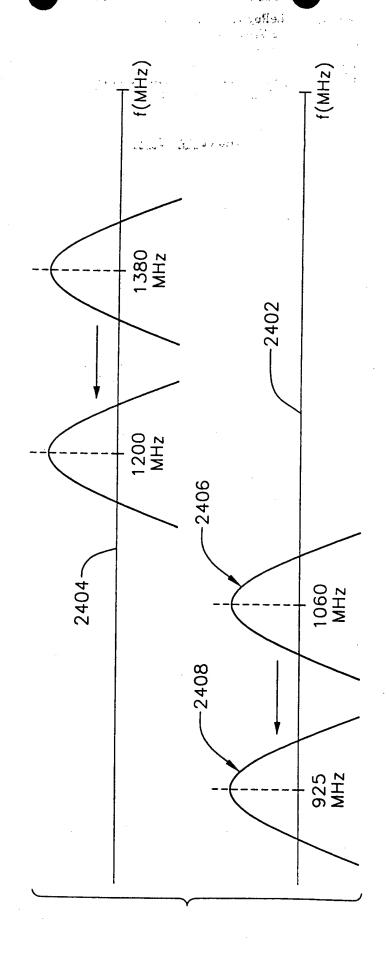
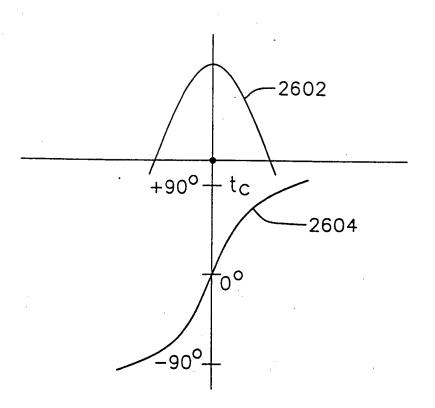


FIG.24c



-2502RESET -2518 -2516 OUTP 2514, -2508 -2526 2522~ 9 <u>_</u> Q d 2510-2528-2506~ 2508 <u>α</u>. z

FIG.26



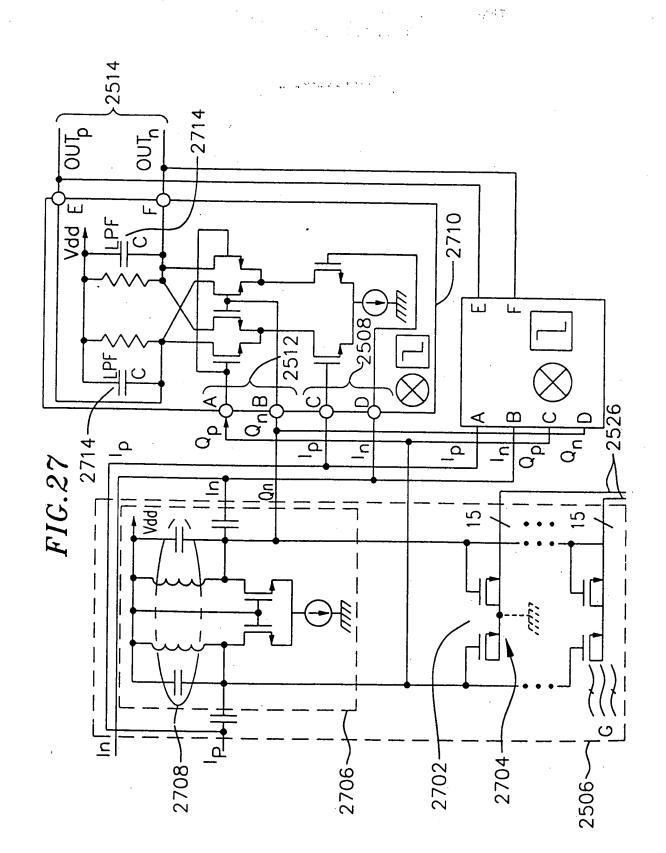
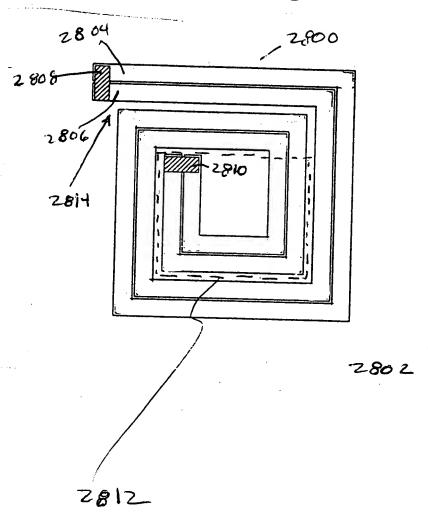
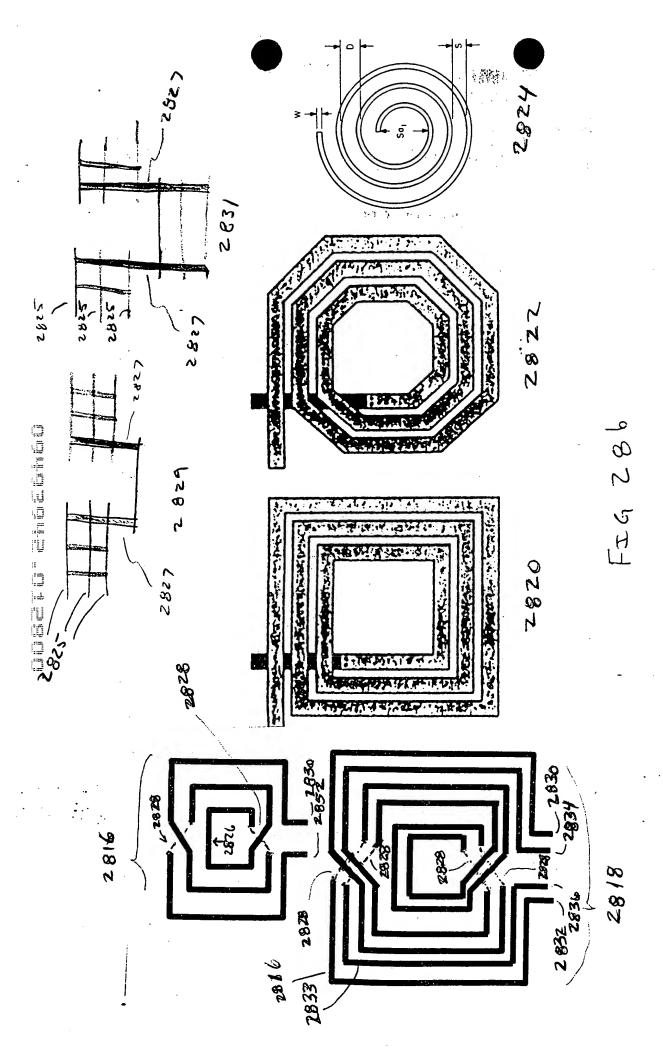


FIG.28a





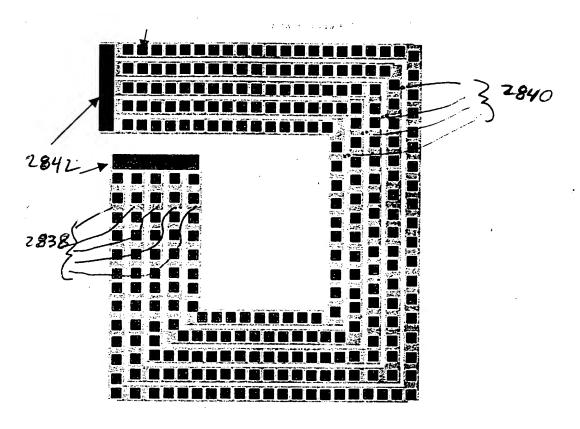


FIG 28C

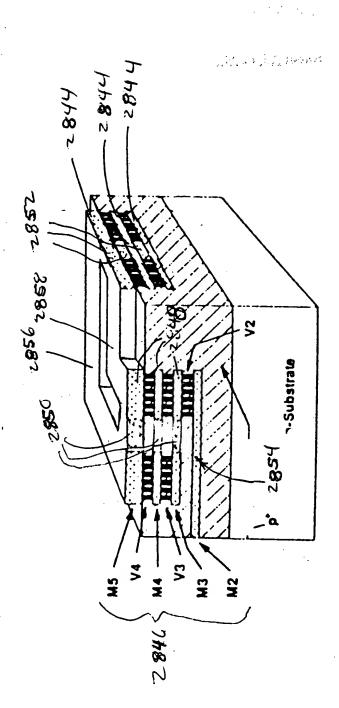
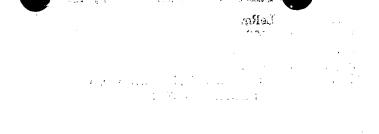


FIG 282



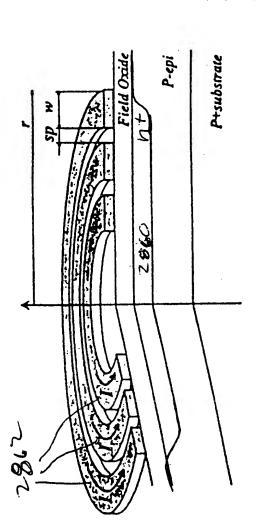


FIG 28E

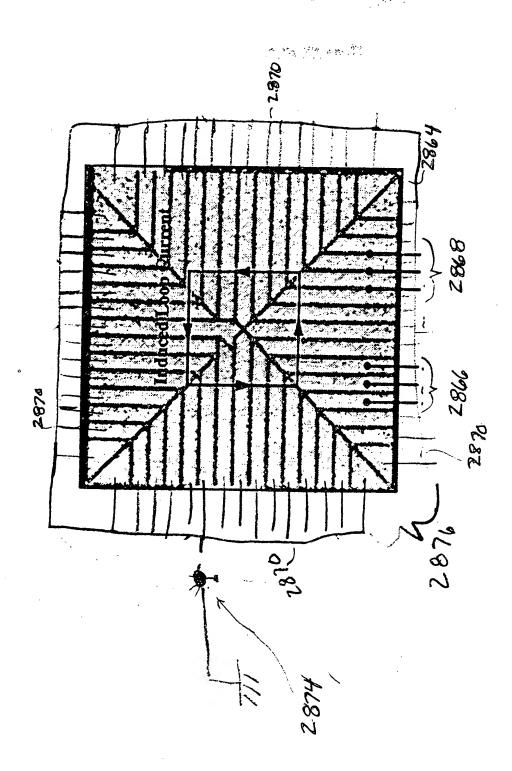


FIG 28 4

FIG.29

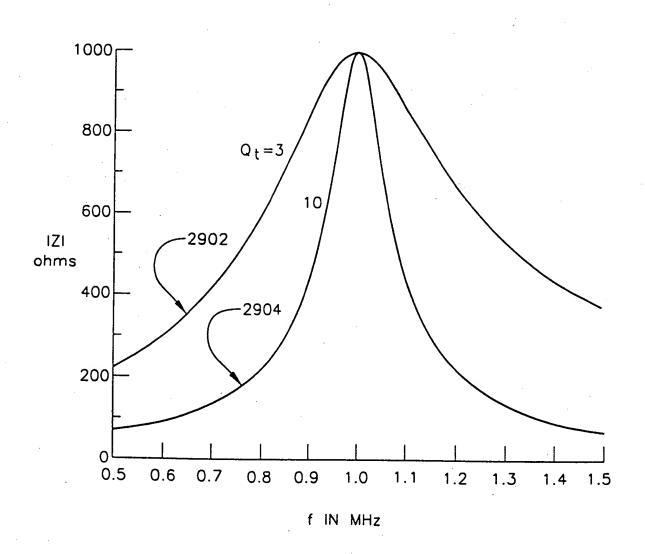


FIG.30

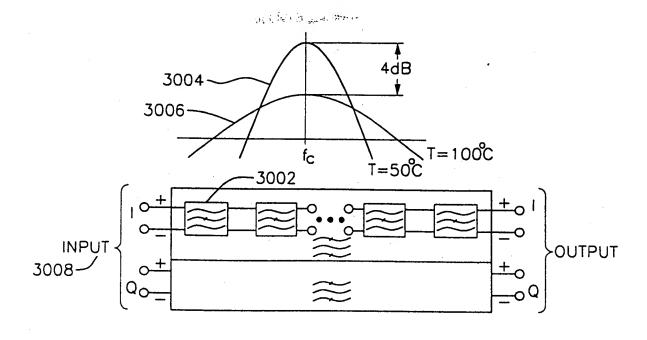
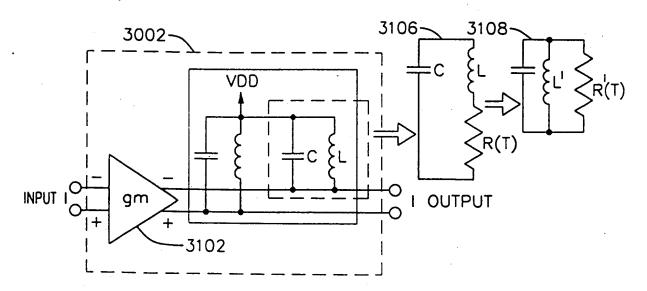
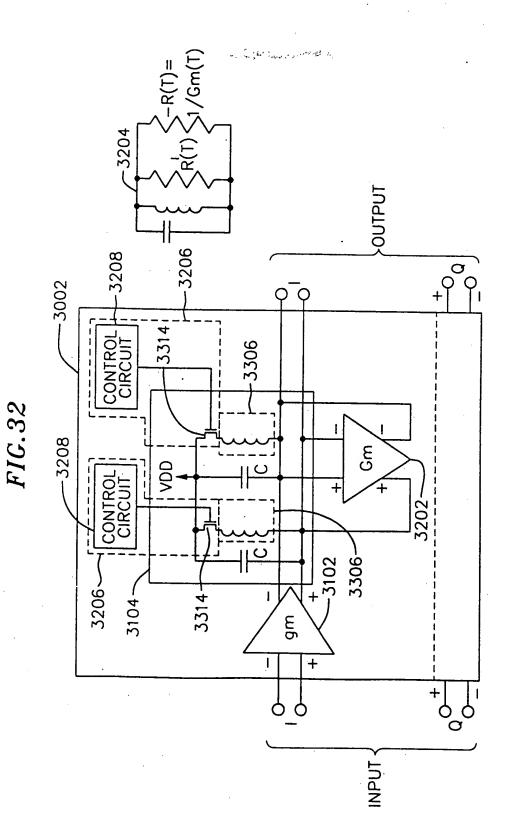


FIG.31





W. A.

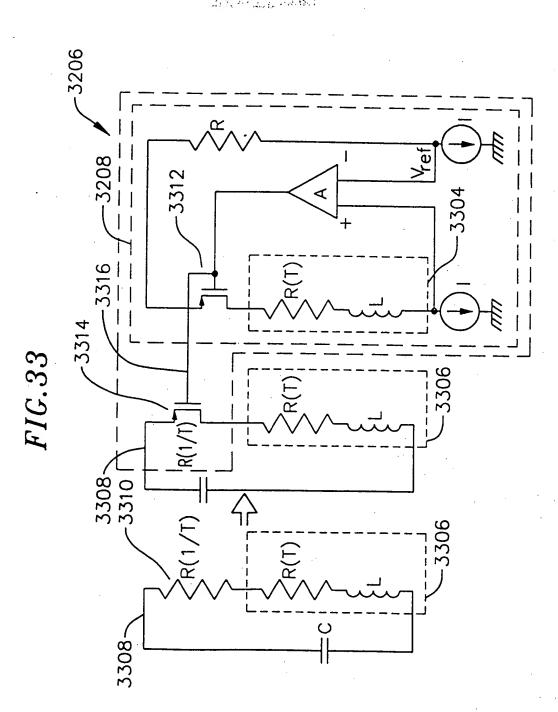


FIG.34

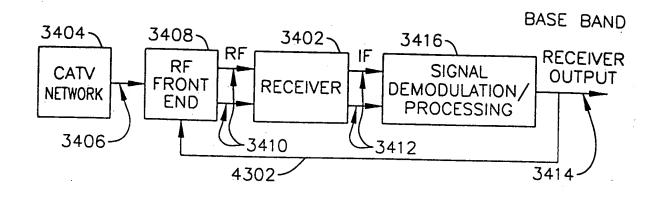
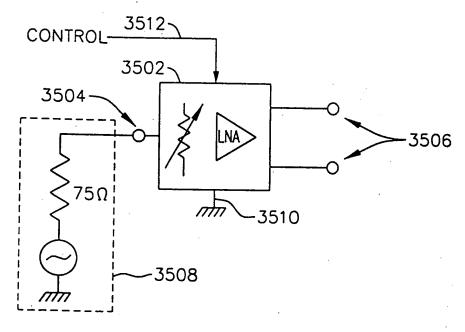


FIG.35



-3506 FIG. 36 0 1NPUT 3614

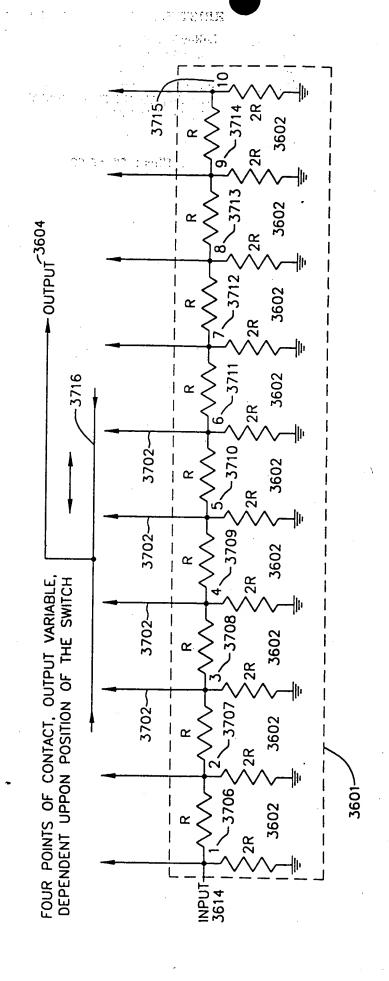
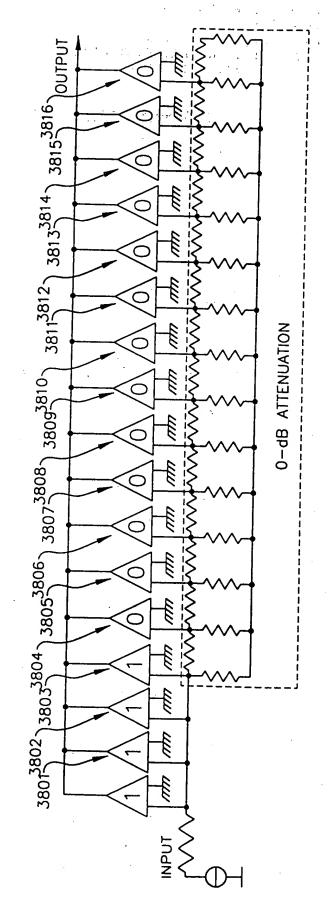
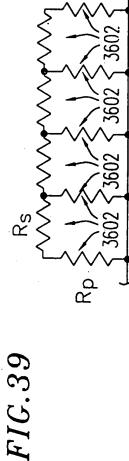


FIG.38

PGA SETTINGS





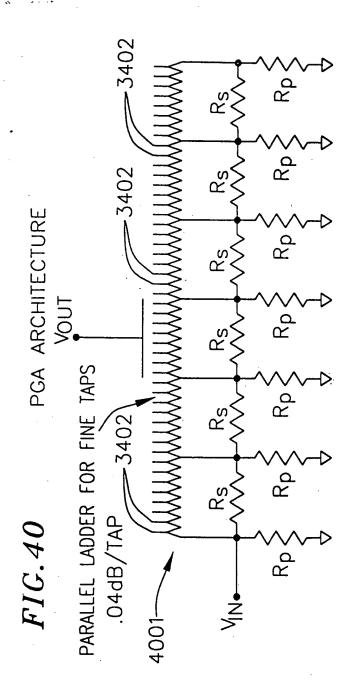


FIG. 41

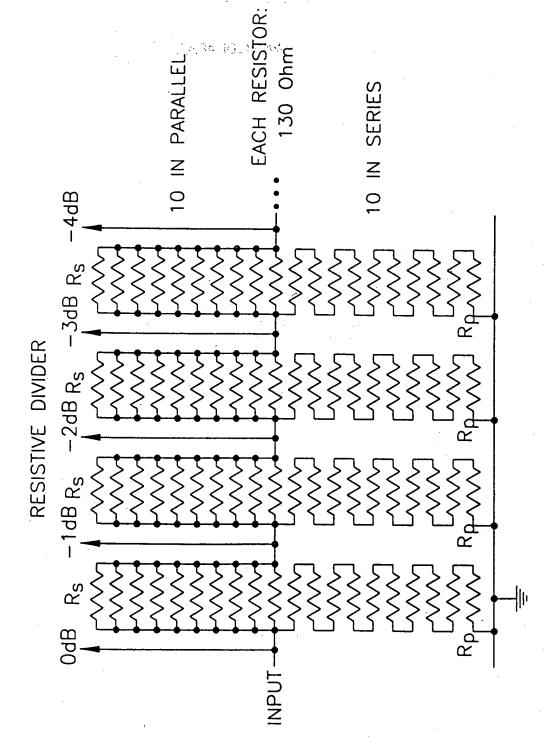


FIG. 42

NON-MONOTONICITY

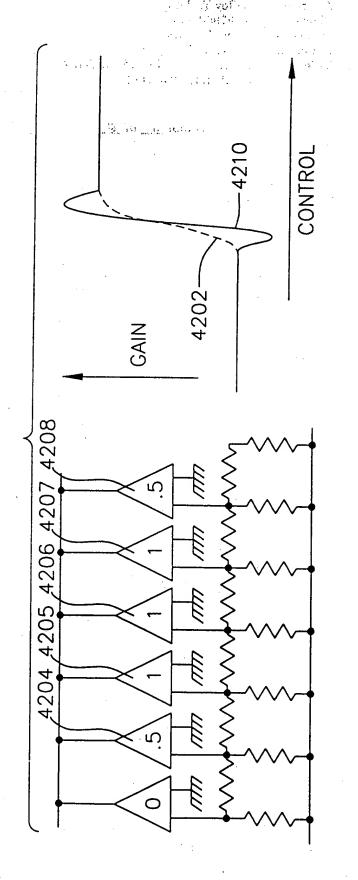
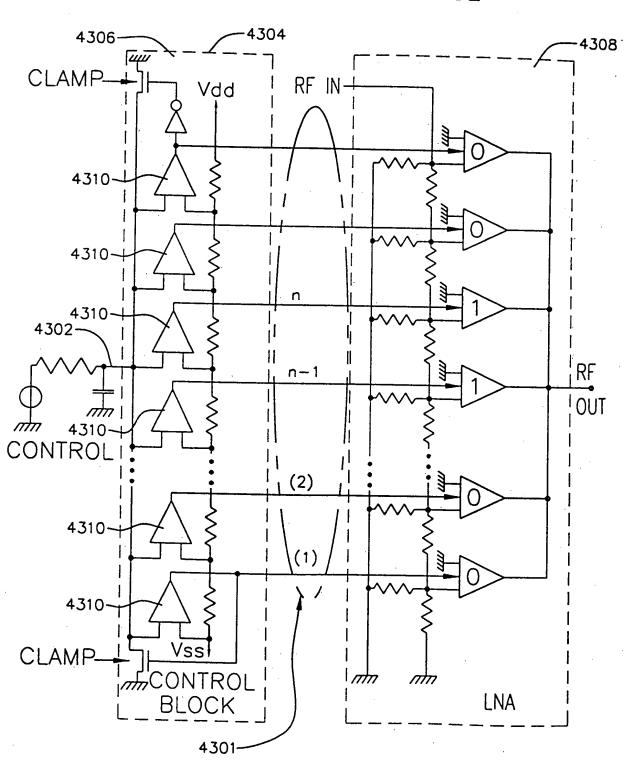
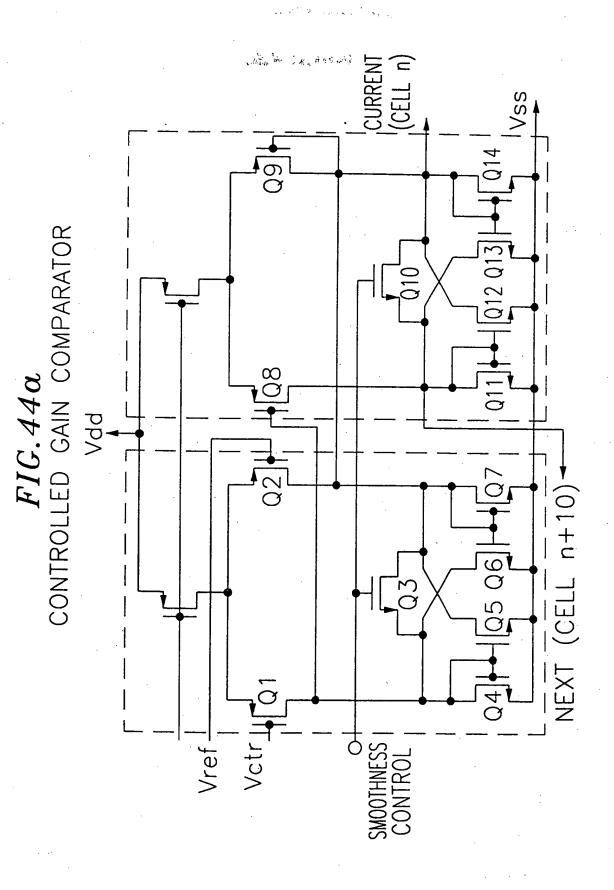


FIG.43
CLAMPING CONTROL RANGE





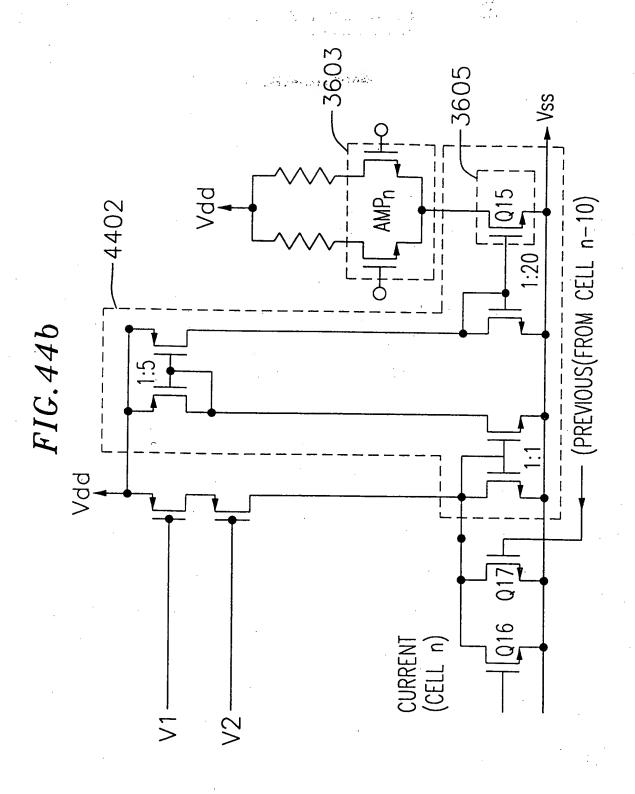
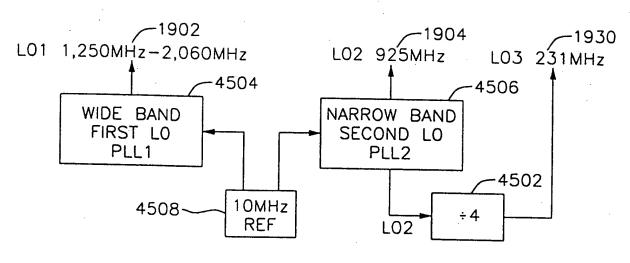


FIG.45



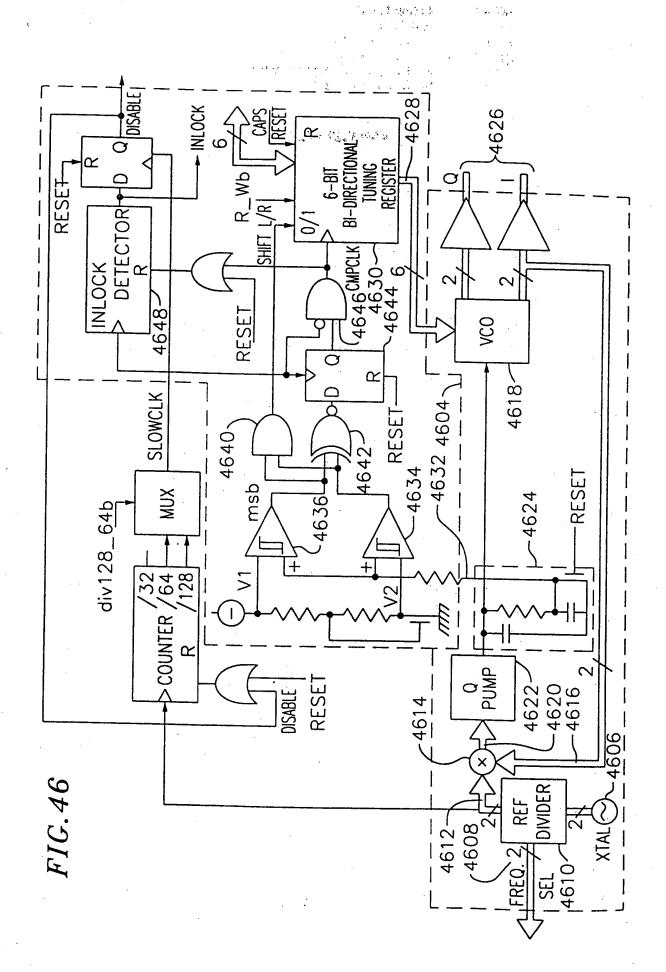
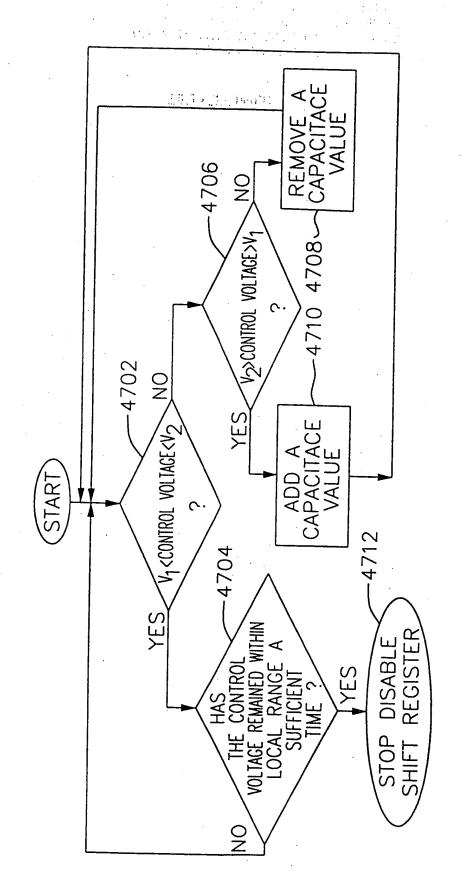
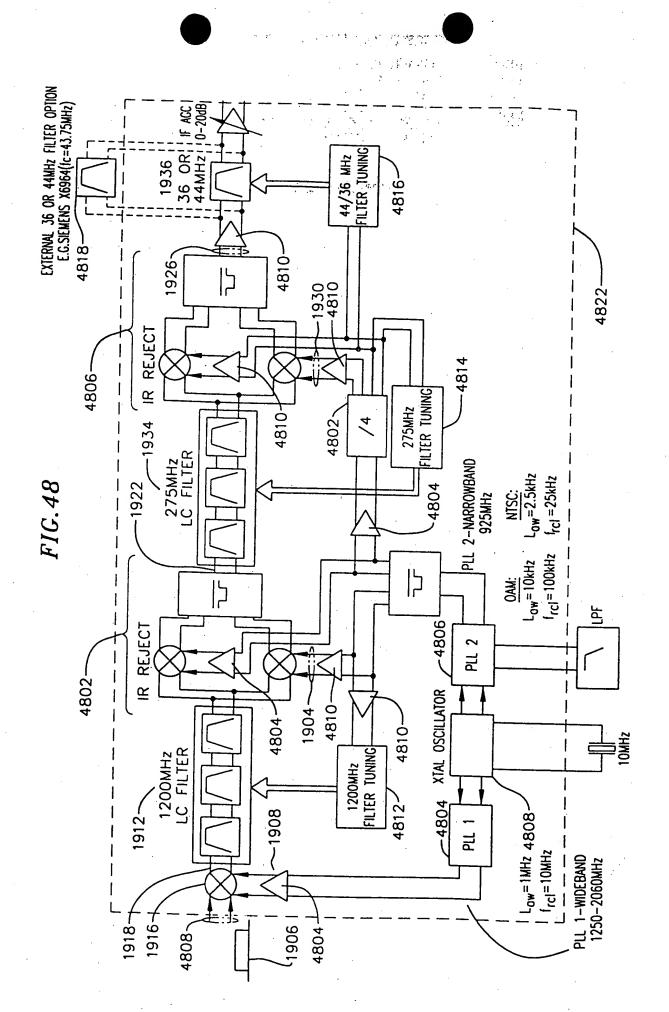
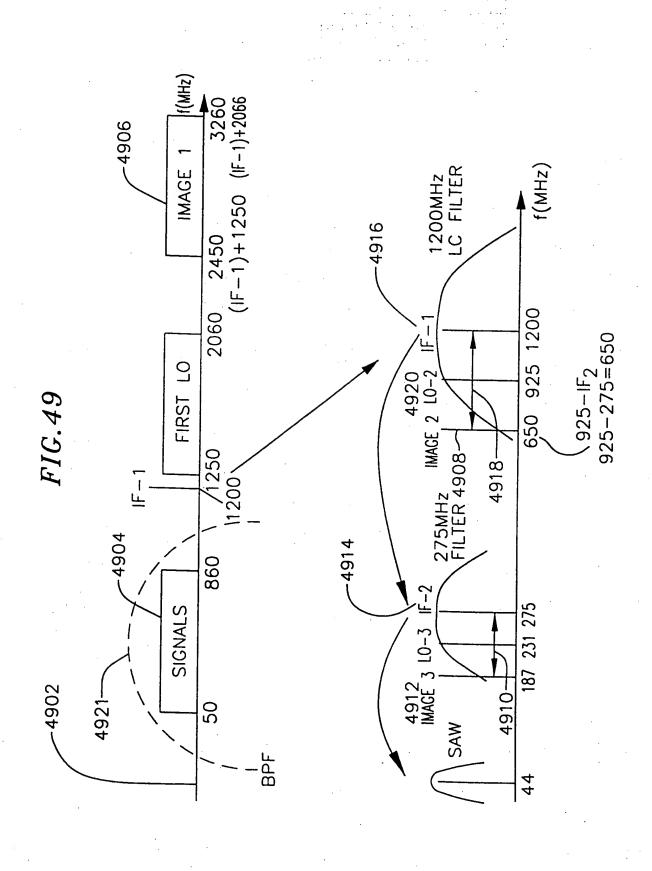
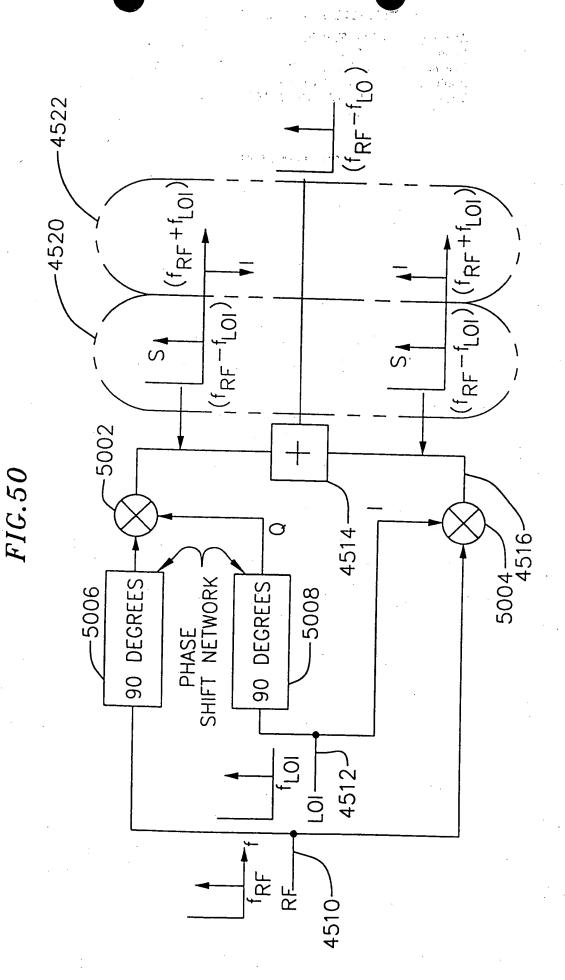


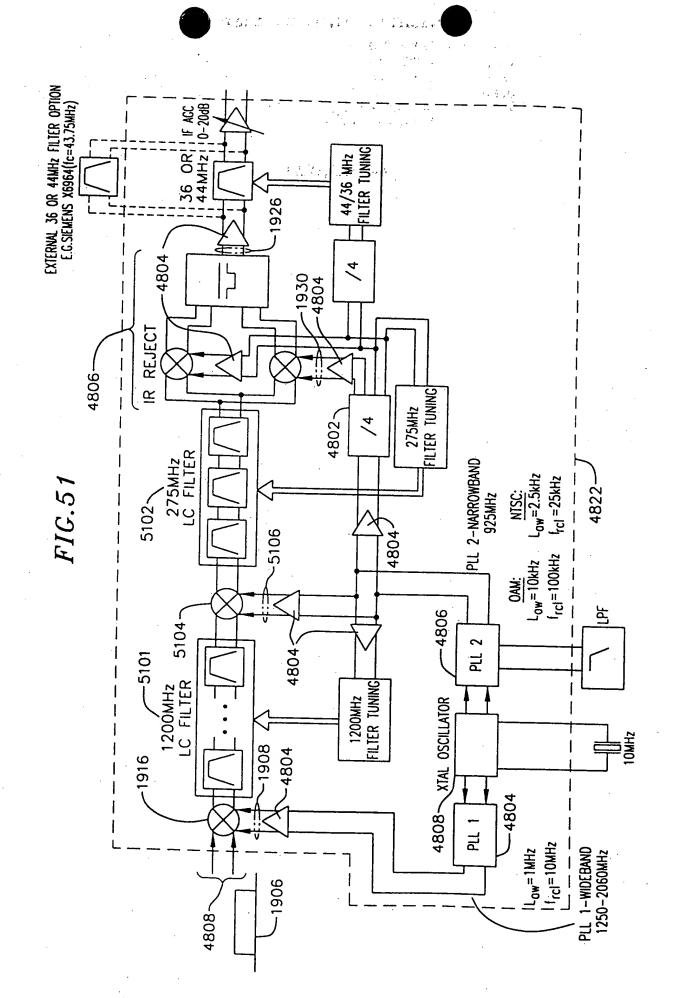
FIG. 47











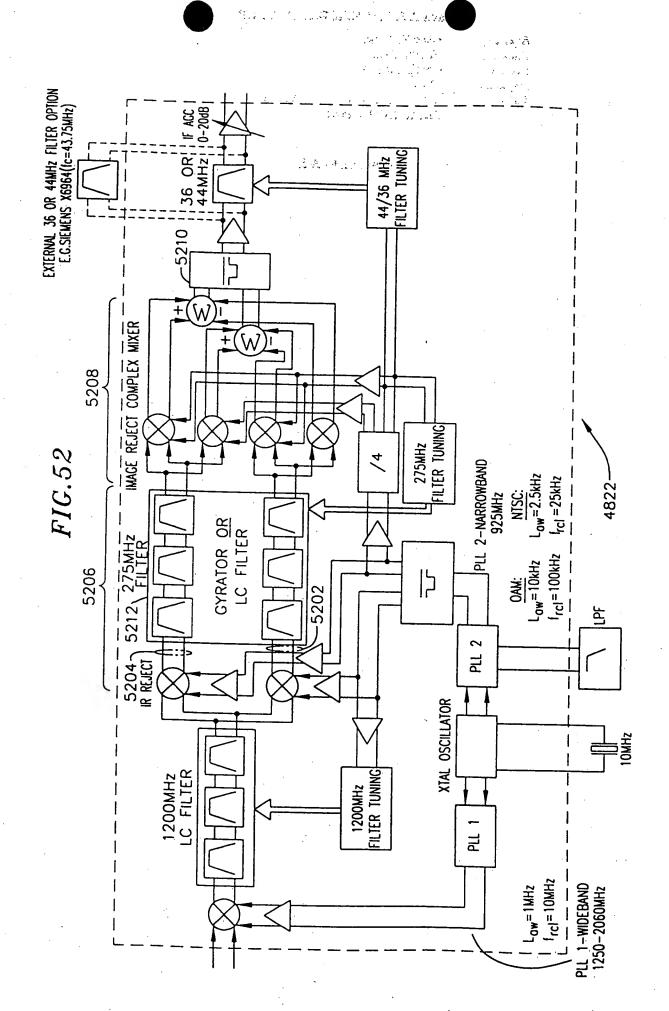


FIG.53

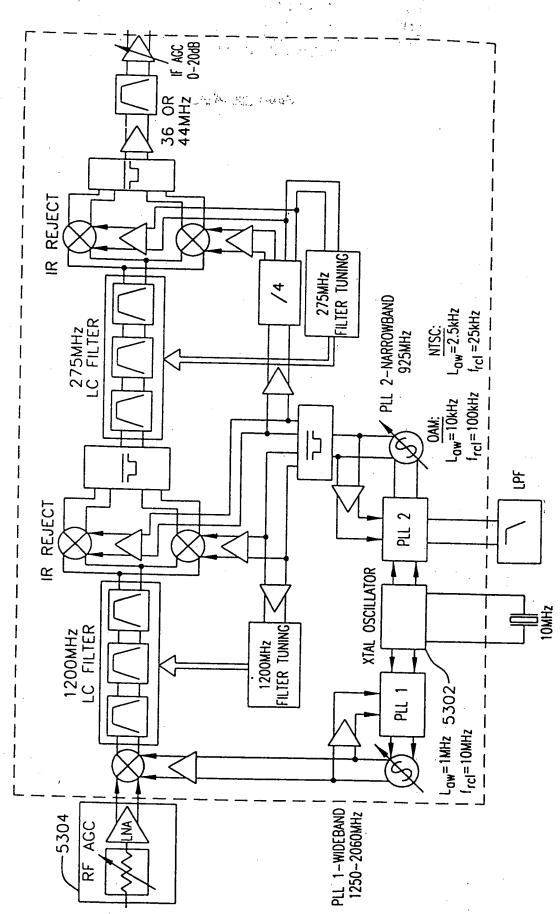
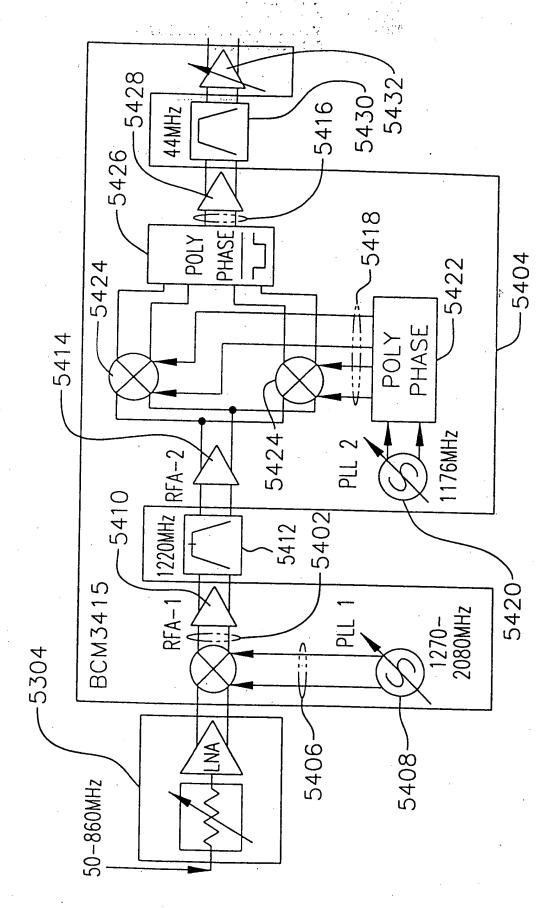
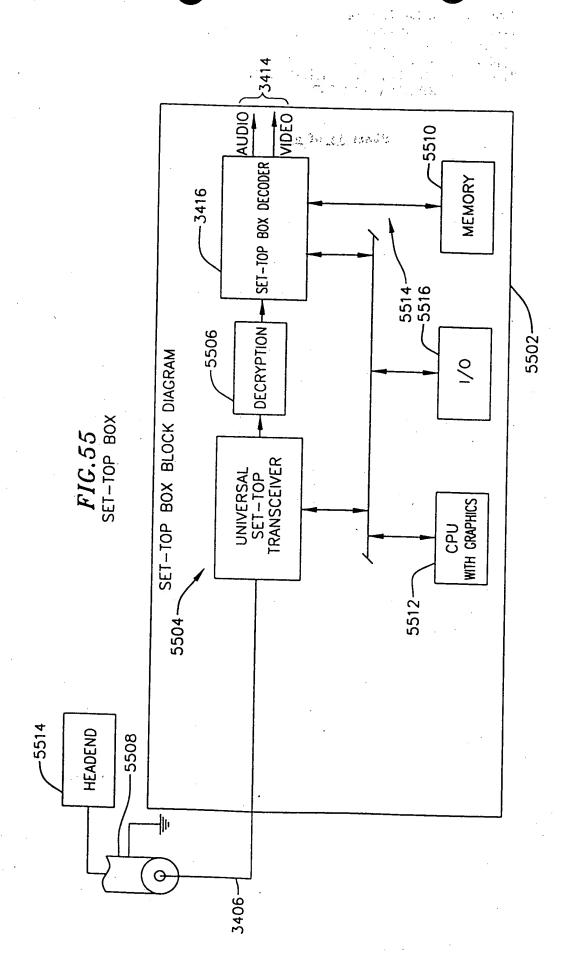


FIG.54





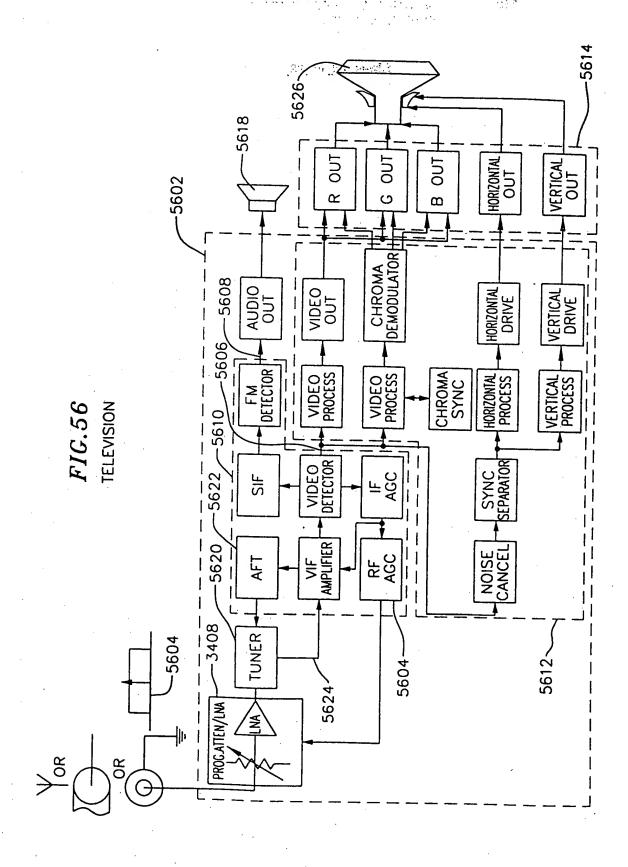
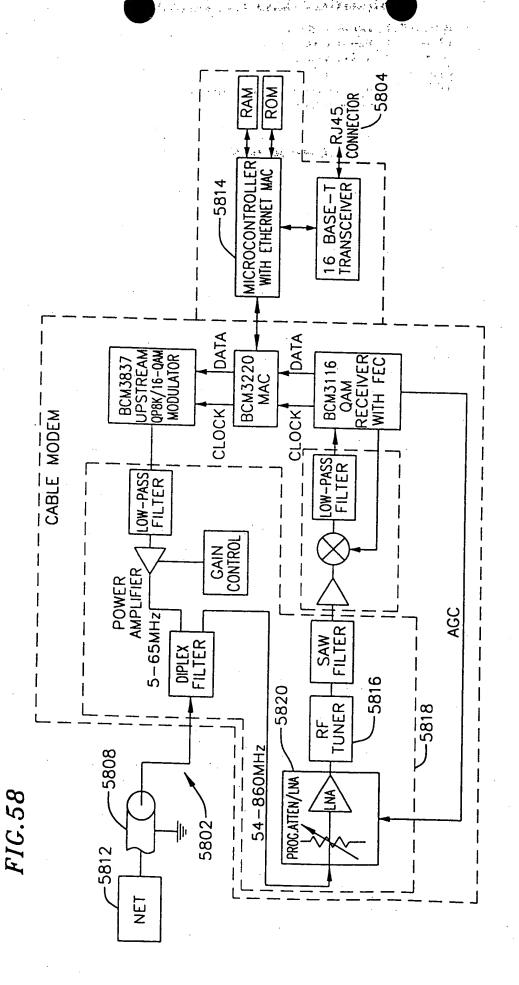


FIG. 57

RF OUT WIDEO OUTPUT MODULATOR SIGNAL SWITCH V UNIT C B RECORDING UNIT 5708 TAPE Z VCR BLOCK DIAGRAM 5710-**PROCESSOR PROCESSOR** SIGNAL VIDEO SIGNAL AUDIO IN ON CONTROLLER RECORDING AUDIO SYNC OR ACC DETECTOR VIDEO TAPE UNIT ON-SCREEN DISPLAY **PROCESSOR** 5708-AMPLIFIERS AND VIF AND SIF DETECTORS EEPROM KEYBOARD RECEIVER LOCAL -5702 CONTROL CONTROL ASSEMBLY TUNER BAND TIMER ROM CPU RAM 5704



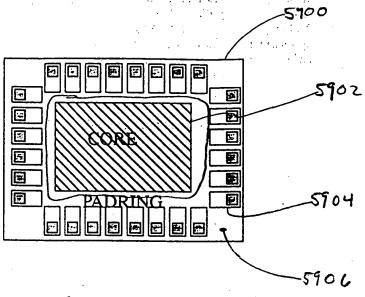
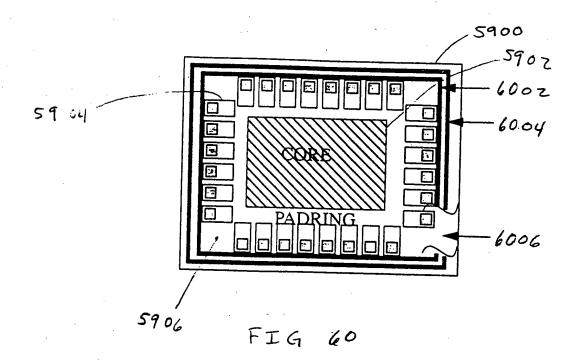
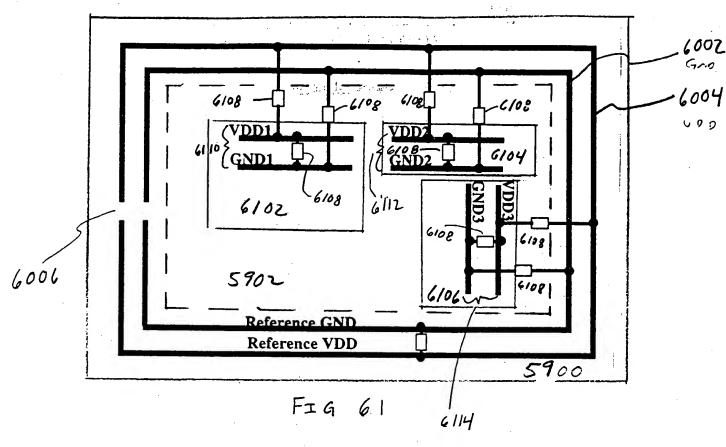


FIG 59





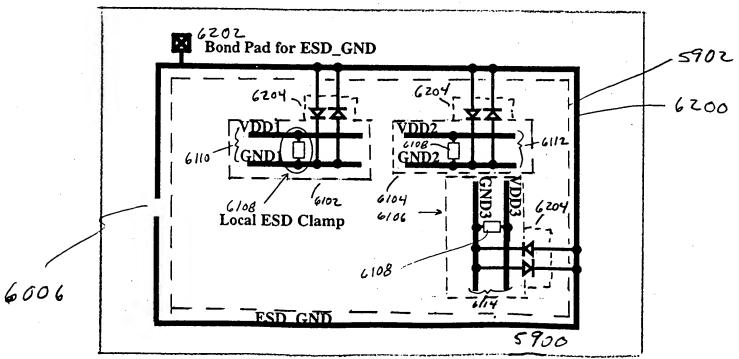


FIG 62

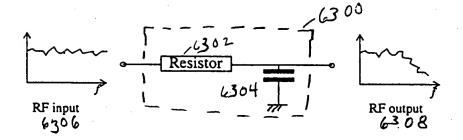
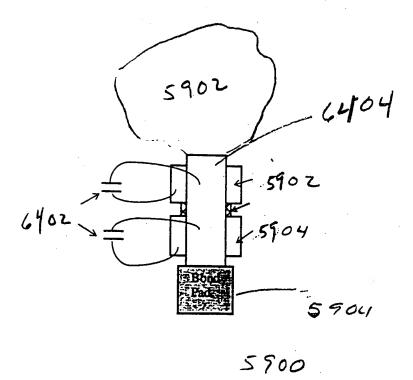


Fig 63



F19 64

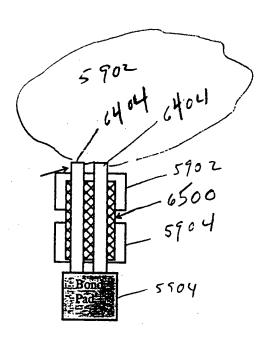
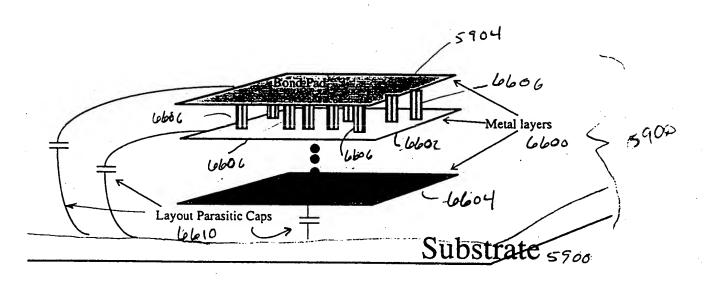


FIG65

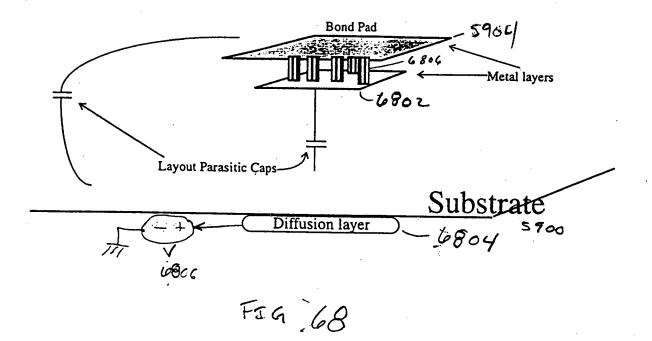
COCETTE CHESTE

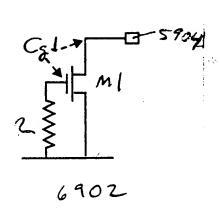


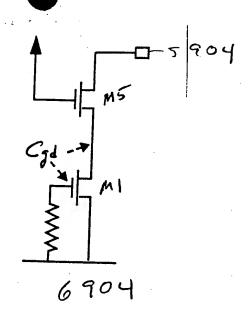
F56_66

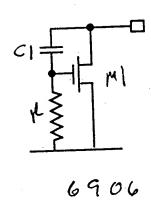
7002

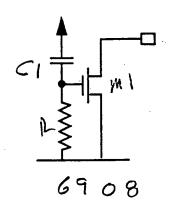
F= 4.67











PRIOR

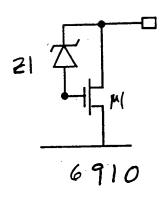


FIG 69

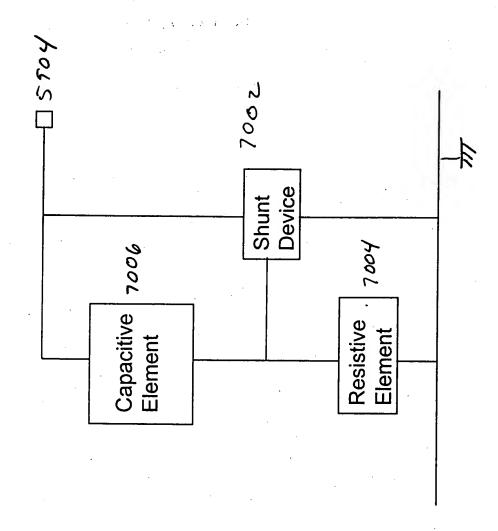


FIG. 70

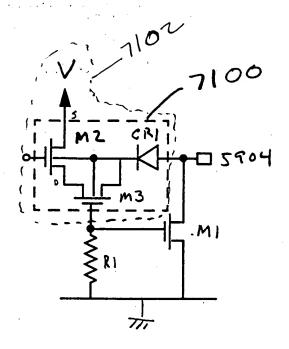


FIG. 7/

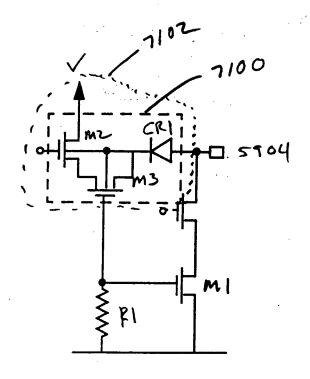


FIG. 72

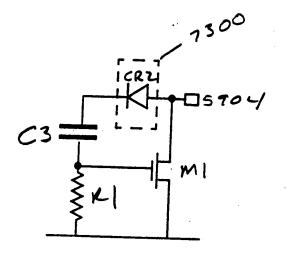


FIG. 73